Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097835.D
Acq On : 18 Aug 2017 14:56
Operator : SJ/JU
Sample : I4820-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-I9-BASE

Quant Time: Aug 18 17:07:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	138941	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	493381	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	182754	20.00	ng		-0.01
63) Phenanthrene-d10	11.30	188	314920	20.00	ng		0.00
75) Chrysene-d12	13.93	240	283678	20.00	ng		0.00
86) Perylene-d12	15.36	264	190916	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1083600	118.63	ng		0.00
7) Phenol-d6	6.41	99	1429812	115.20	ng		0.00
23) Nitrobenzene-d5	7.34	82	849368	93.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	177699	112.06	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	1026736	82.54	ng		0.00
78) Terphenyl-d14	12.89	244	789900	58.07	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	116471	13.709	ng	#	73
25) Isophorone	7.34	82	846881	44.844	ng	#	67
31) Naphthalene	8.08	128	52184	2.037	ng		98
32) Benzoic acid	7.84	122	823	6.529	ng	#	36
49) Dimethylphthalate	9.53	163	167486	12.538	ng		99
56) 2,4-Dinitrotoluene	9.81	165	24266	7.251	ng	#	34
64) 4,6-Dinitro-2-methylphenol	10.60	198	490	8.594	ng	#	1
66) 4-Bromophenyl-phenylether	10.60	248	11901	3.639	ng	#	1
70) Phenanthrene	11.32	178	248677	14.819	ng		99
71) Anthracene	11.37	178	57527	3.380	ng		100
74) Fluoranthene	12.51	202	428474	24.462	ng		98
77) Pyrene	12.73	202	410602	17.697	ng		98
80) Benzo(a)anthracene	13.92	228	217983	12.821	ng		95
82) Chrysene	13.92	228	217983	12.888	ng		98
85) Indeno(1,2,3-cd)pyrene	16.76	276	88230	7.091	ng	#	90
87) Benzo(b)fluoranthene	14.95	252	286235	23.785	ng		100
88) Benzo(k)fluoranthene	15.24	252	99367	8.789	ng		97
89) Benzo(a)pyrene	15.30	252	154813	14.532	ng		97
90) Dibenzo(a,h)anthracene	16.93	278	19686	2.270	ng		95
91) Benzo(g,h,i)perylene	17.18	276	86863	9.598	ng		94

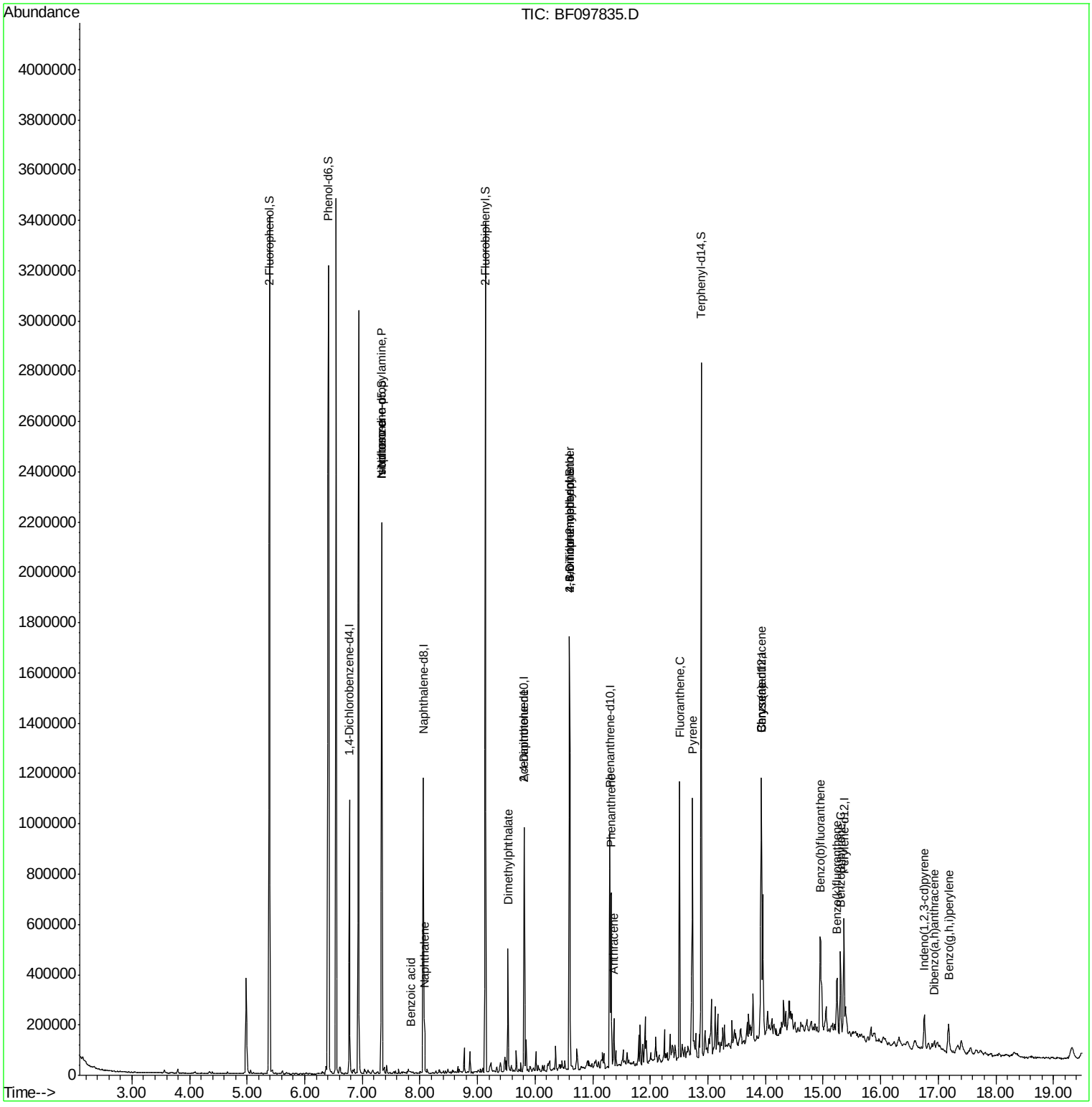
(#) = qualifier out of range (m) = manual integration (+) = signals summed

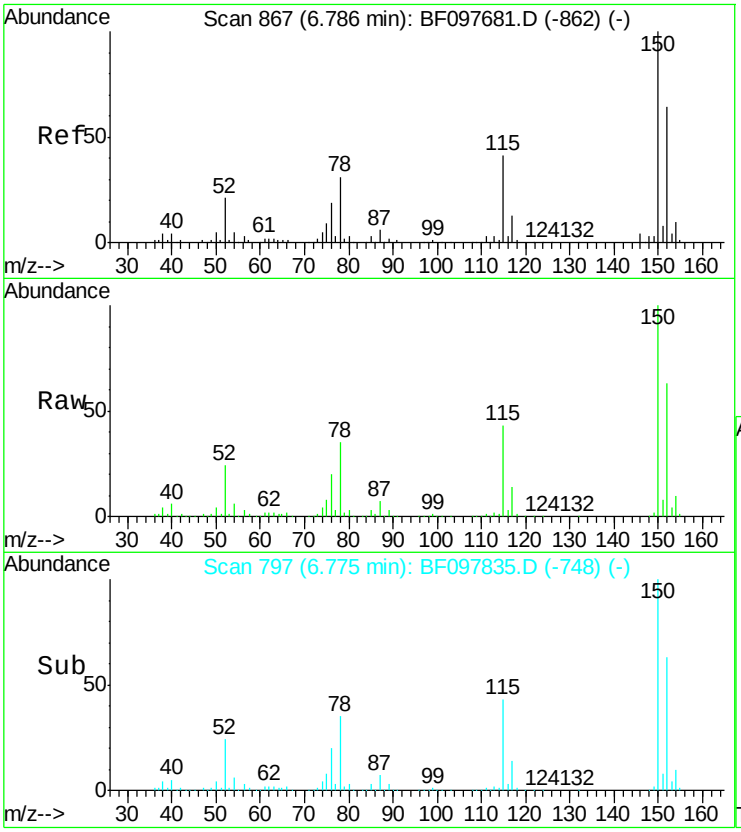
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
Data File : BF097835.D
Acq On : 18 Aug 2017 14:56
Operator : SJ/JU
Sample : I4820-10
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Quant Time: Aug 18 17:07:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration



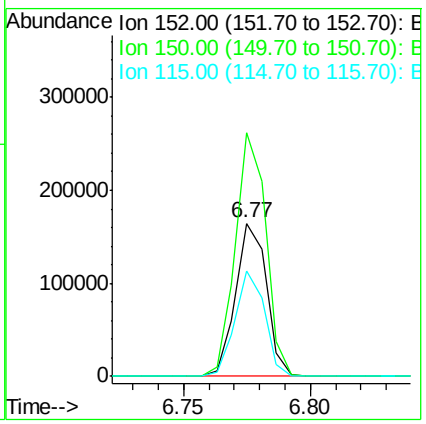


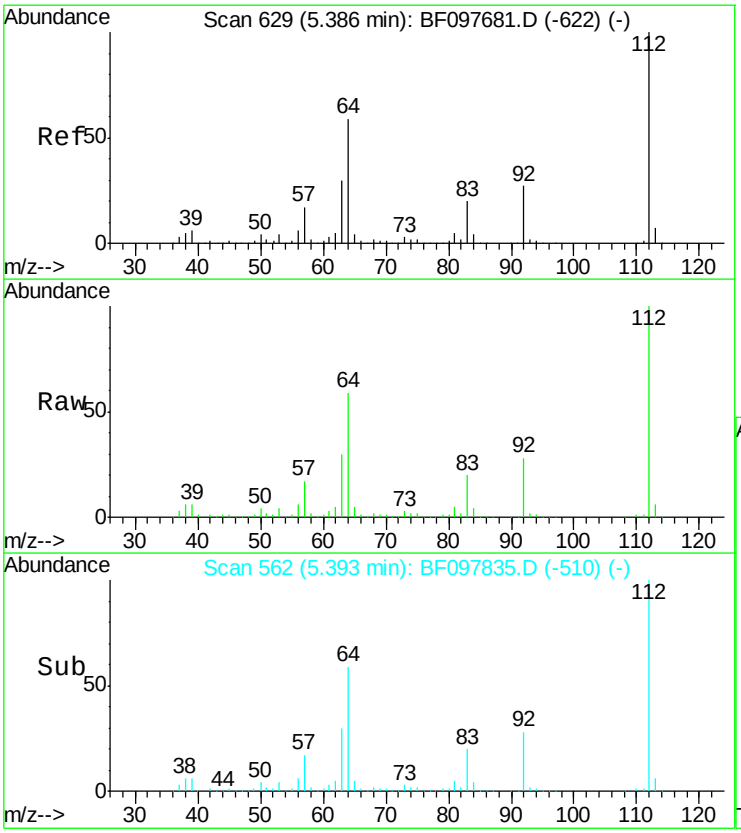
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:152 Resp: 138941

Ion	Ratio	Lower	Upper
152	100		
150	159.1	126.2	189.2
115	69.1	52.2	78.2

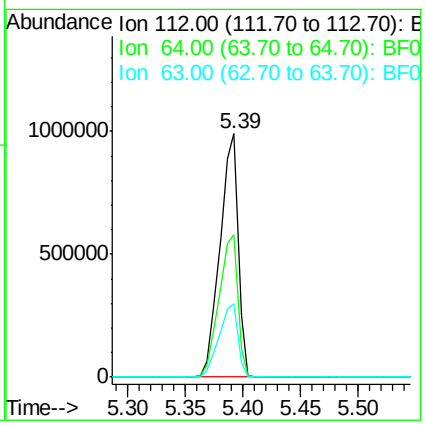


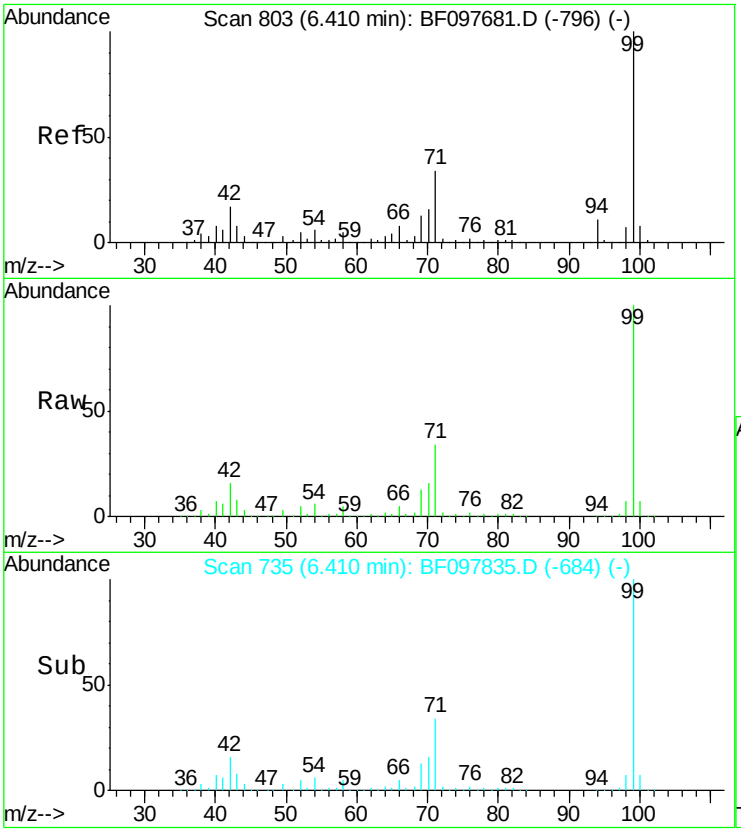


#5
2-Fluorophenol
Concen: 118.628 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:112 Resp: 1083600

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.0	69.0
63	30.0	23.4	35.0



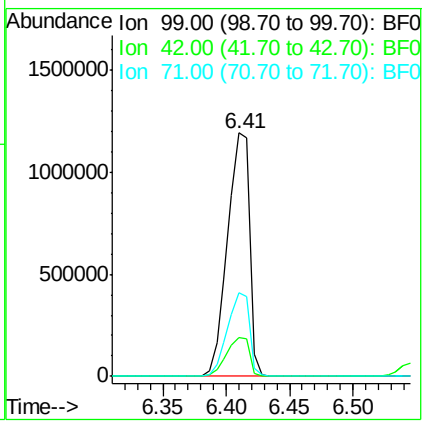


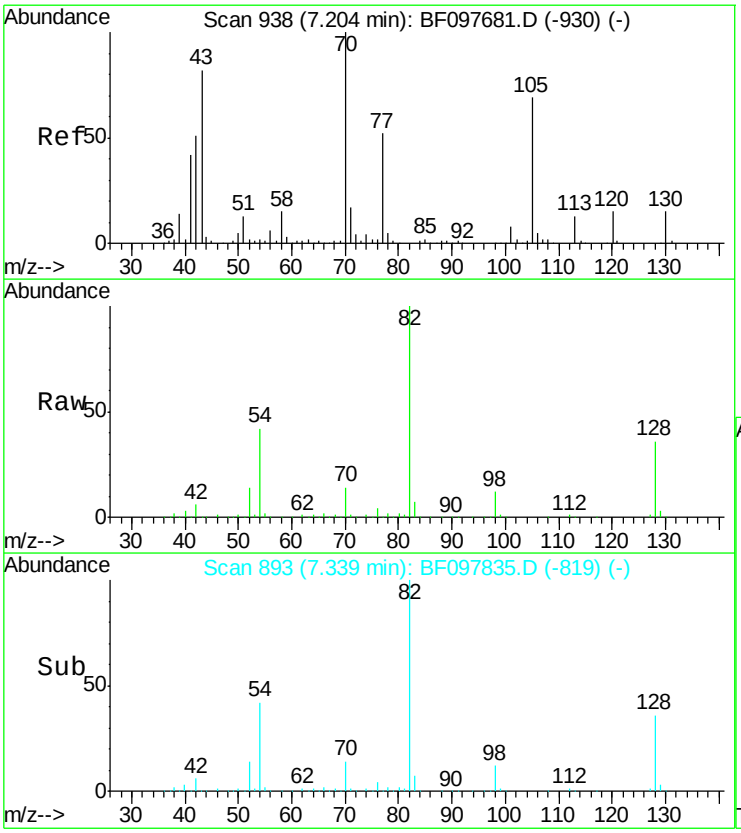
#7
Phenol-d6
Concen: 115.205 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.00 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion: 99 Resp: 1429812

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.5	20.3
71	34.4	24.5	36.7

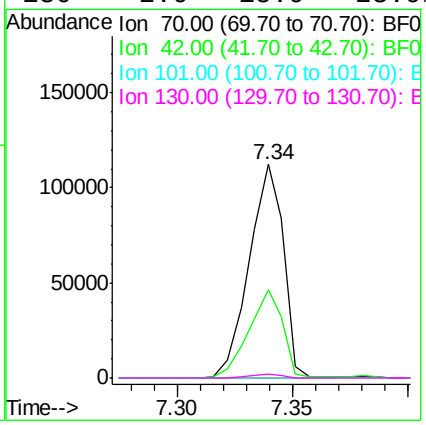


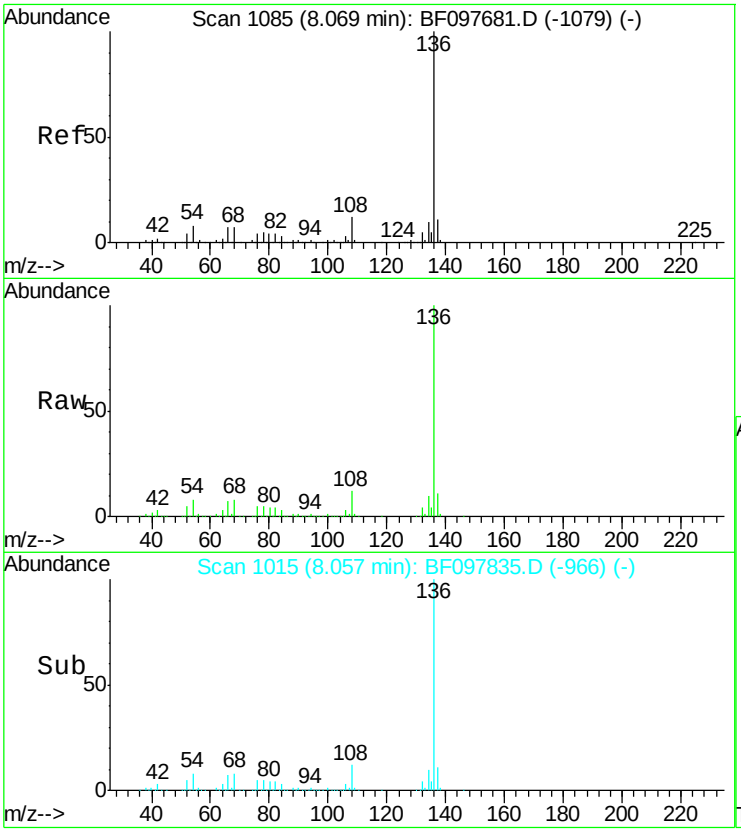


#19
n-Nitroso-di-n-propylamine
Concen: 13.709 ng
RT: 7.34 min Scan# 893
Delta R.T. 0.14 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion: 70 Resp: 116471

Ion	Ratio	Lower	Upper
70	100		
42	41.4	47.2	70.8#
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



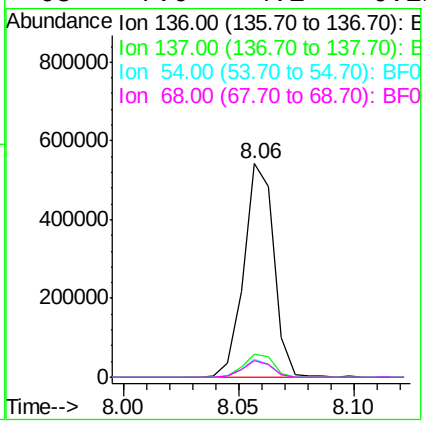


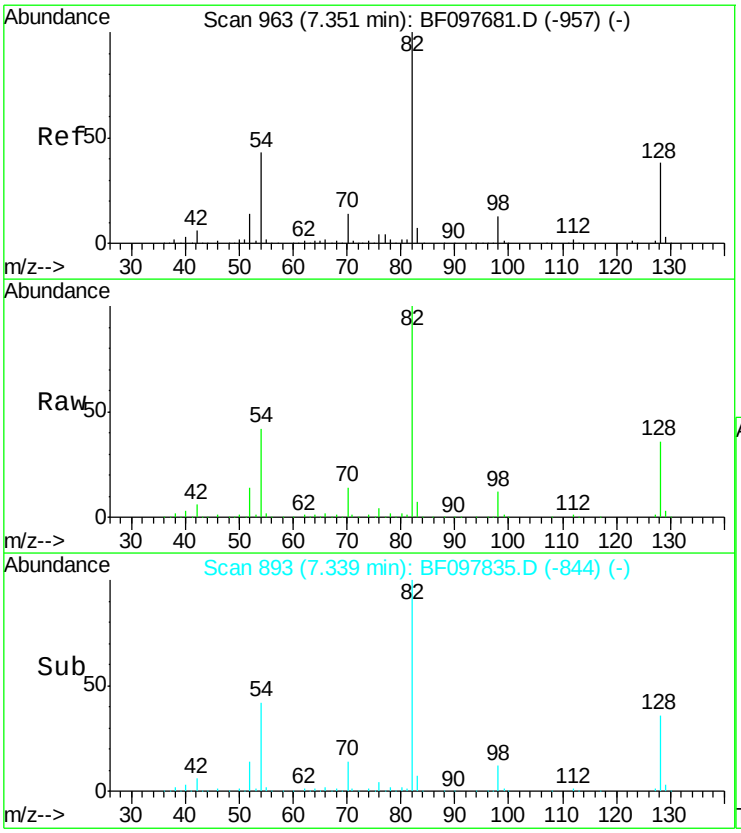
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:136 Resp: 493381

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	8.3	4.9	7.3#
68	7.6	4.1	6.1#

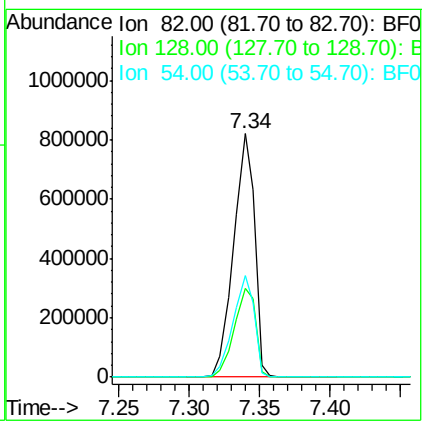


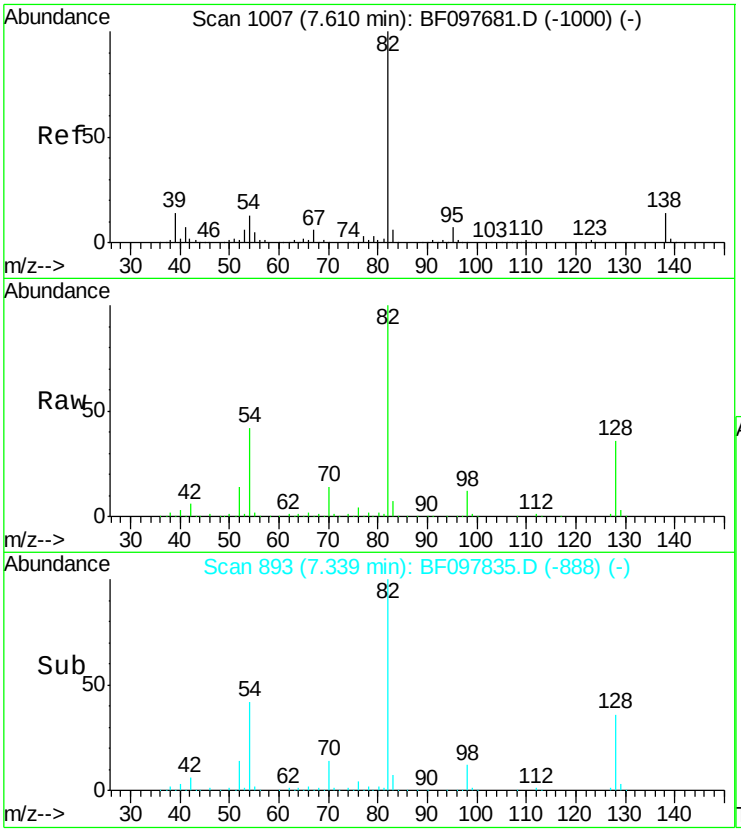


#23
Nitrobenzene-d5
Concen: 93.521 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion: 82 Resp: 849368

Ion	Ratio	Lower	Upper
82	100		
128	36.3	34.0	51.0
54	41.9	42.2	63.2#



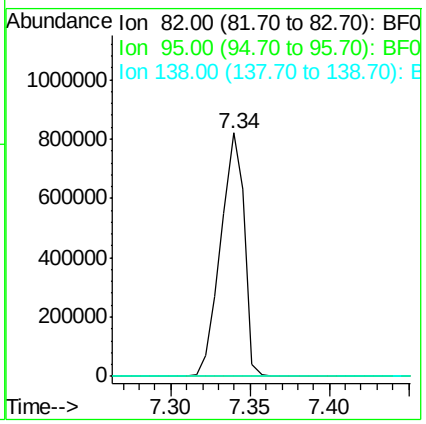


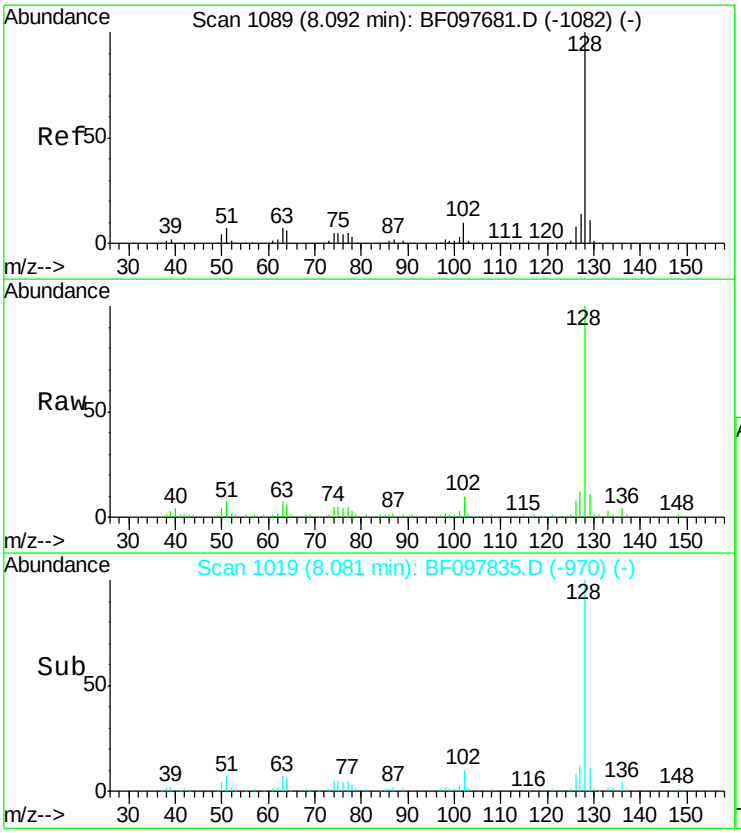
#25
Isophorone
Concen: 44.844 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.27 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion: 82 Resp: 846881

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.3	7.9#
138	0.0	13.1	19.7#

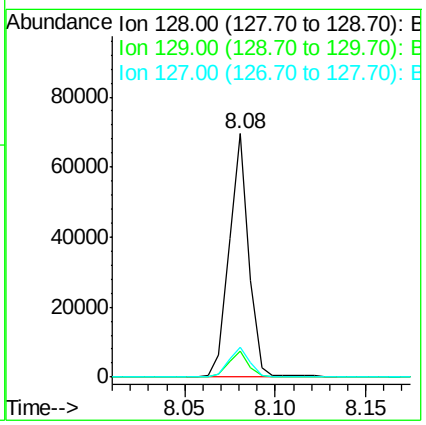


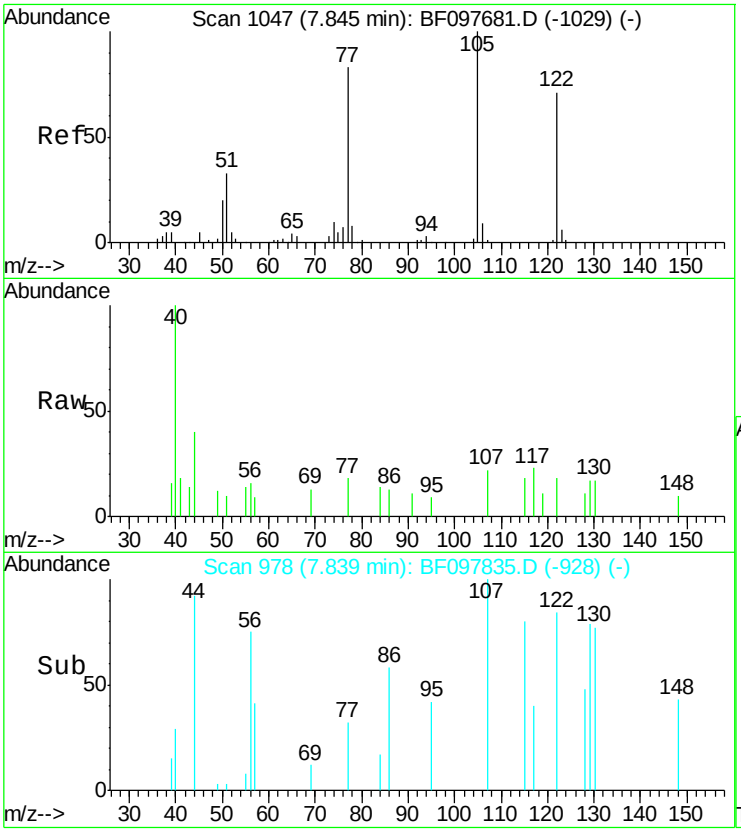


#31
Naphthalene
Concen: 2.037 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:128 Resp: 52184

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	12.3	10.8	16.2



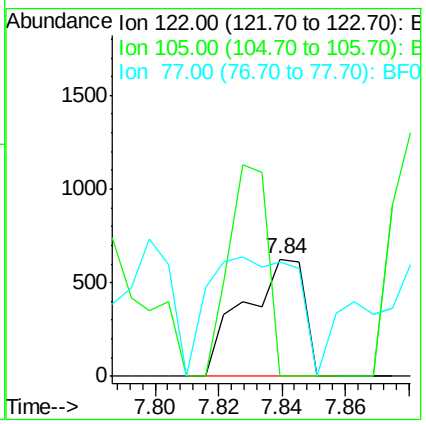


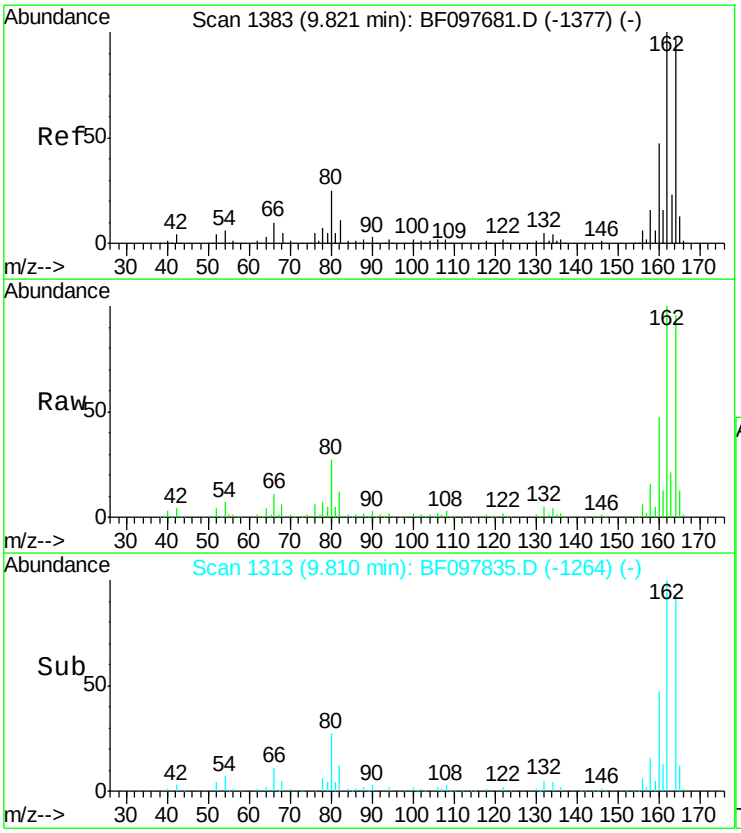
#32
Benzoic acid
Concen: 6.529 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:122 Resp: 823

Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	97.8	73.7	113.7

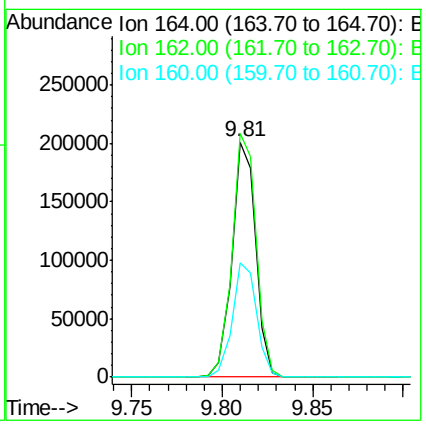


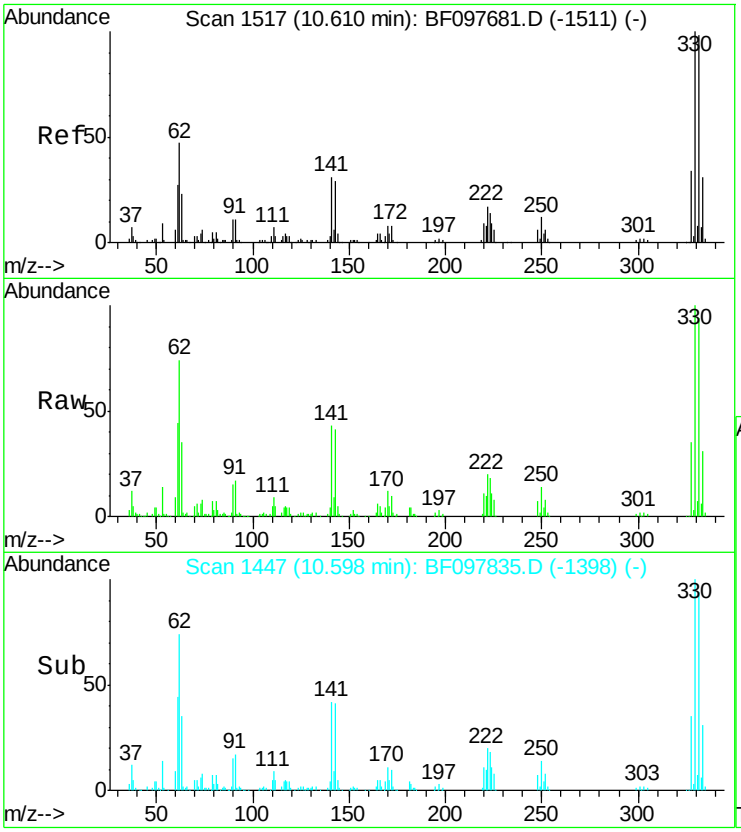


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:164 Resp: 182754

Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	48.8	36.2	54.2



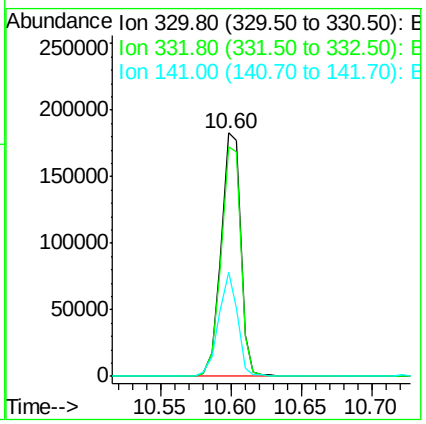


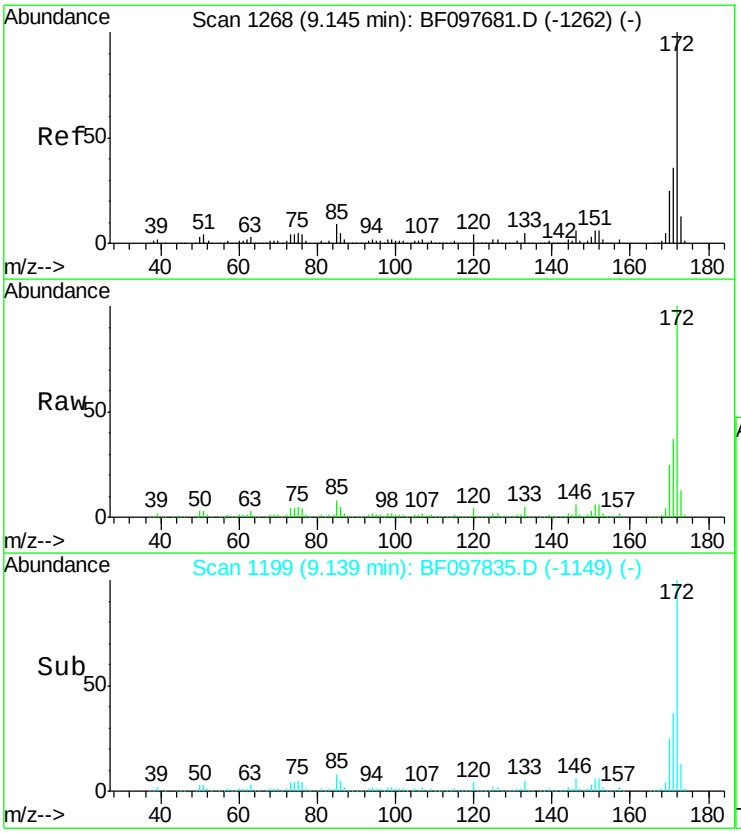
#41
2,4,6-Tribromophenol
Concen: 112.064 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:330 Resp: 177699

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	41.6	31.4	47.2

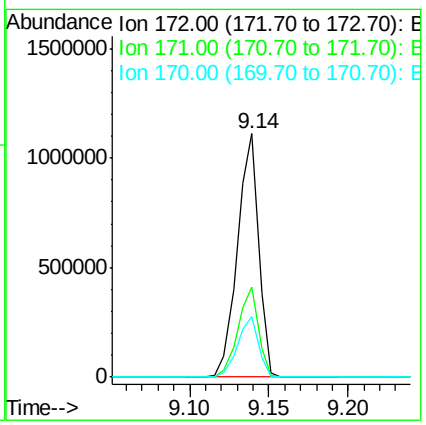


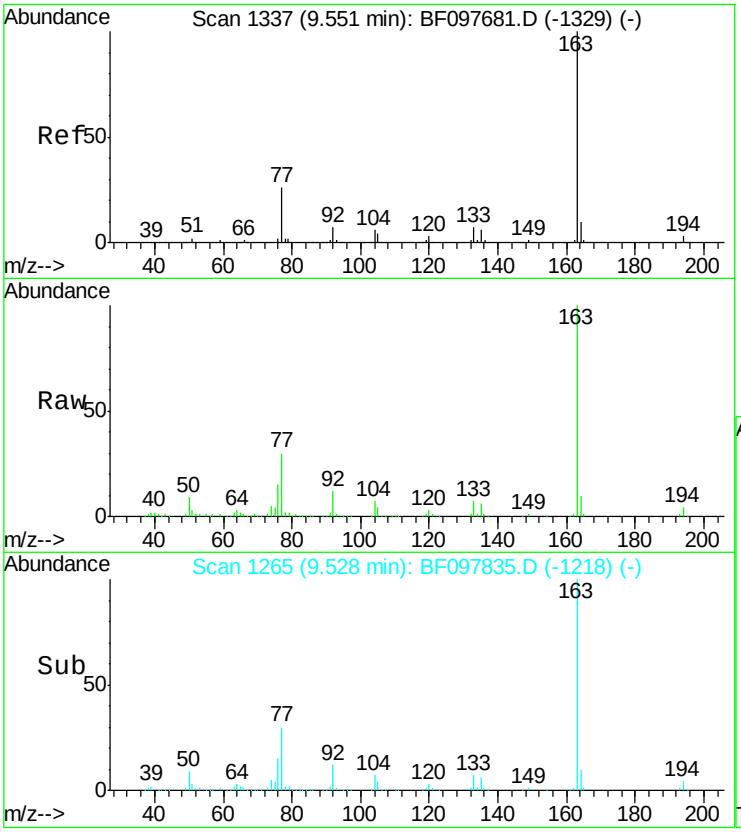


#44
2-Fluorobiphenyl
Concen: 82.542 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:172 Resp: 1026736

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.0	19.8	29.8



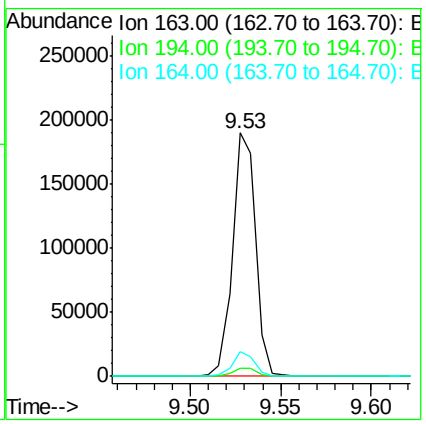


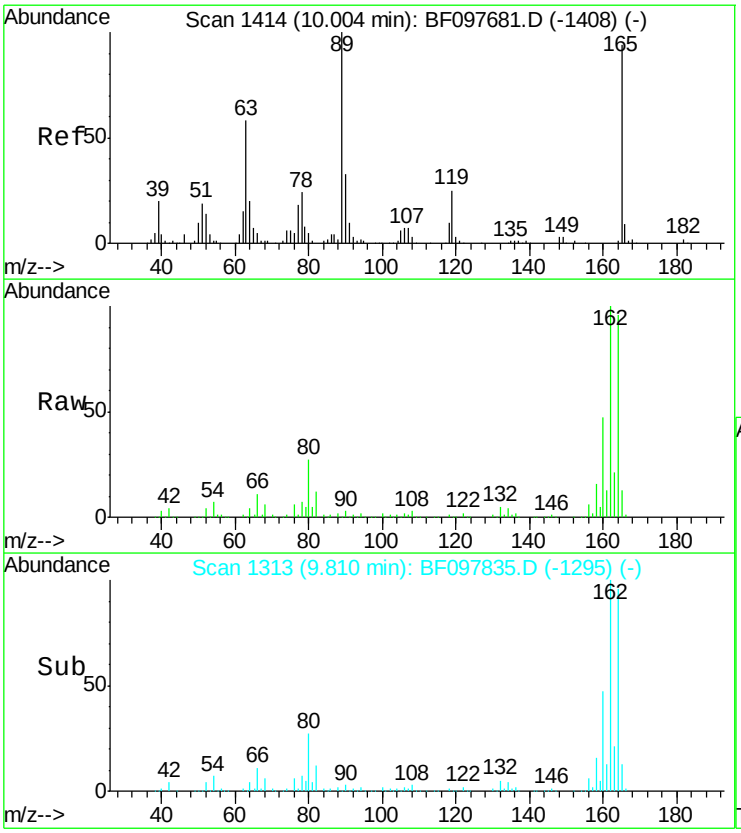
#49
Dimethylphthalate
Concen: 12.538 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:163 Resp: 167486

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.2	8.4	12.6

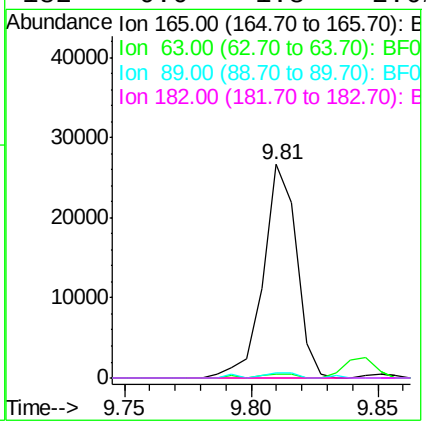


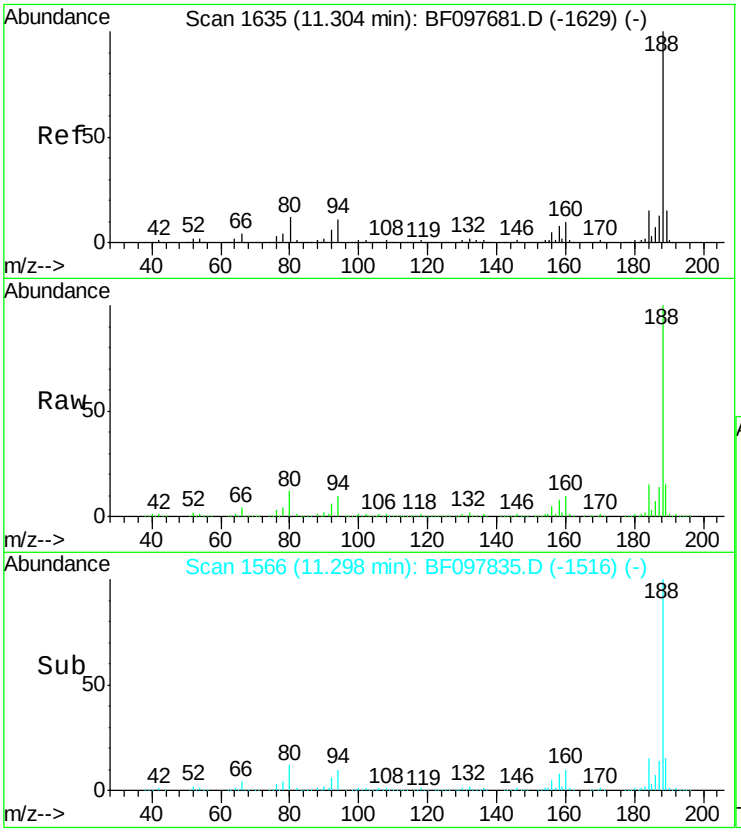


#56
2,4-Dinitrotoluene
Concen: 7.251 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:165 Resp: 24266

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	2.3	46.4	69.6#
182	0.0	1.8	2.6#



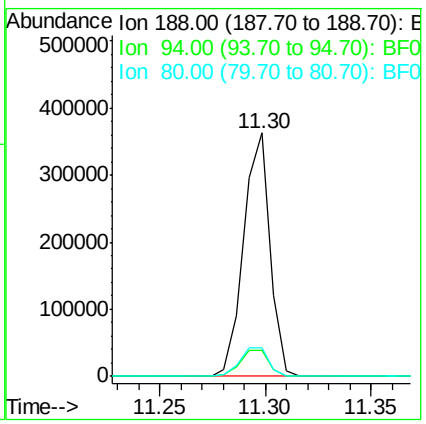


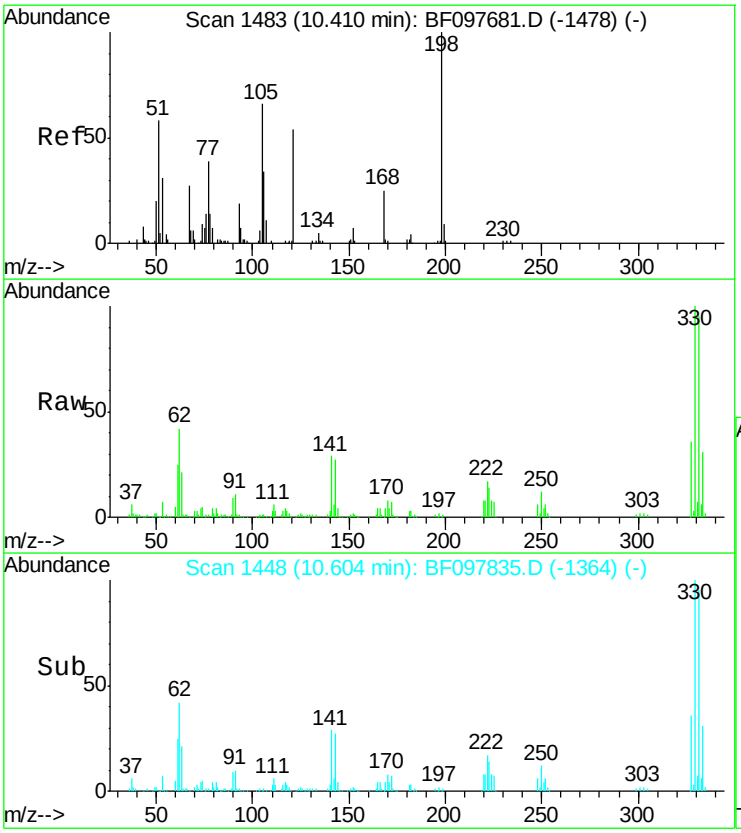
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:188 Resp: 314920

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.6	10.2	15.2

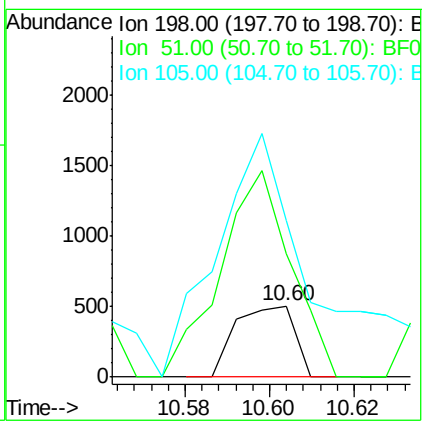


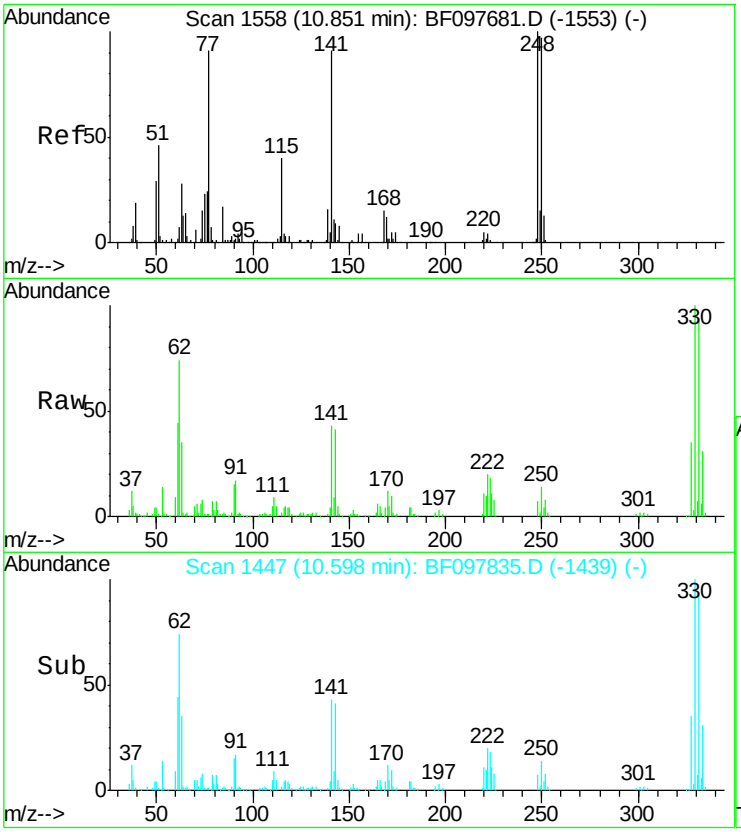


#64
4,6-Dinitro-2-methylphenol
Concen: 8.594 ng
RT: 10.60 min Scan# 1448
Delta R.T. 0.19 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:198 Resp: 490

Ion	Ratio	Lower	Upper
198	100		
51	173.3	53.2	93.2#
105	220.9	45.8	85.8#



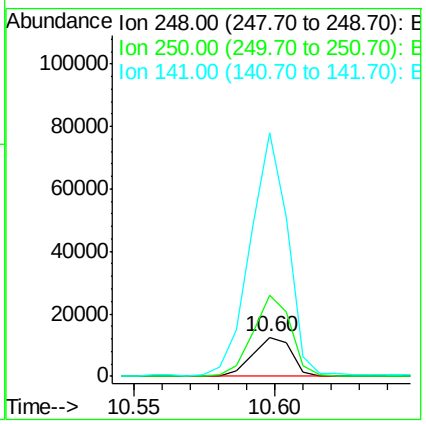


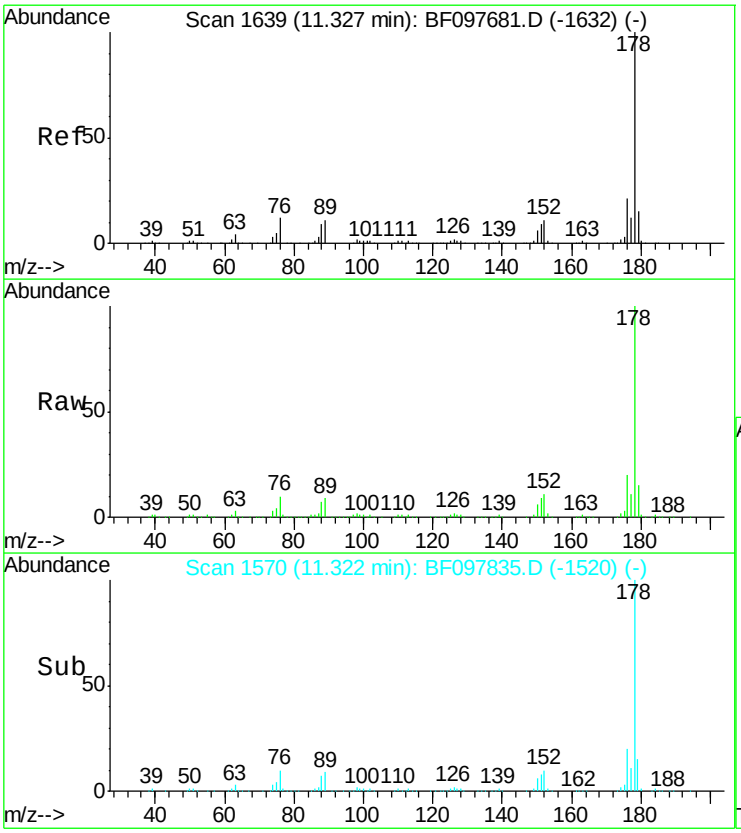
#66
4-Bromophenyl-phenylether
Concen: 3.639 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.25 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:248 Resp: 11901

Ion	Ratio	Lower	Upper
248	100		
250	208.2	76.8	115.2#
141	623.5	68.6	103.0#

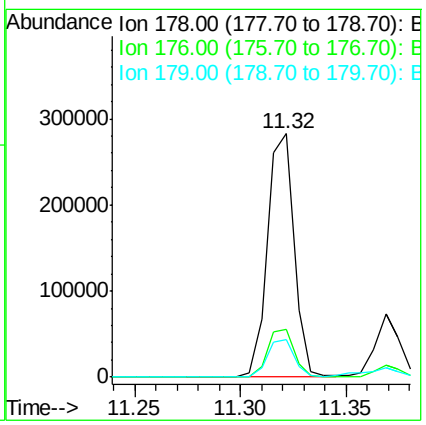


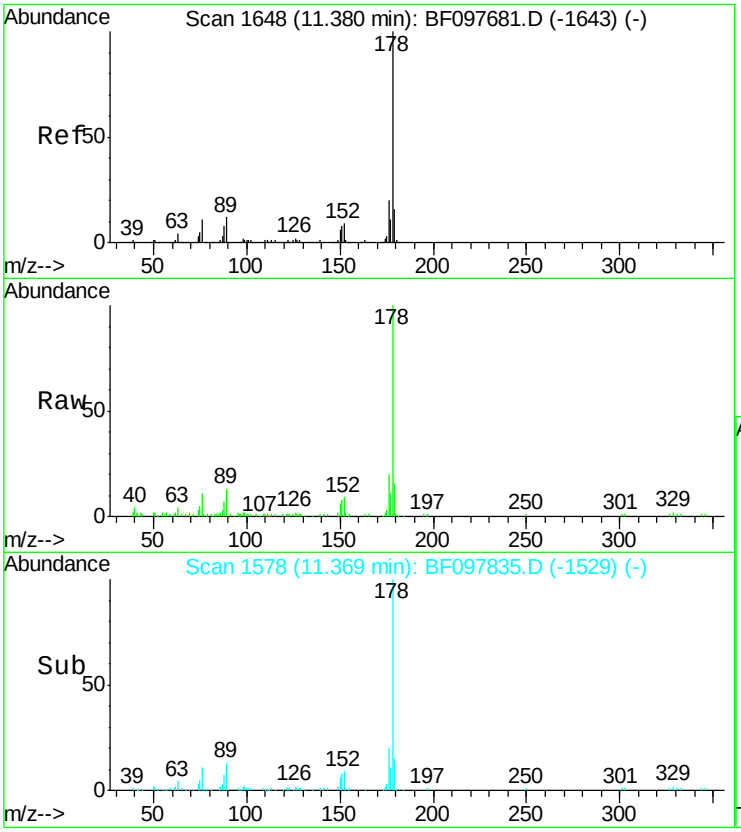


#70
Phenanthrene
Concen: 14.819 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:178 Resp: 248677

Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.2	24.4
179	15.3	12.6	19.0



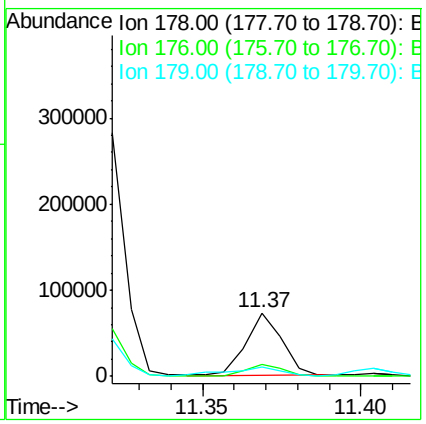


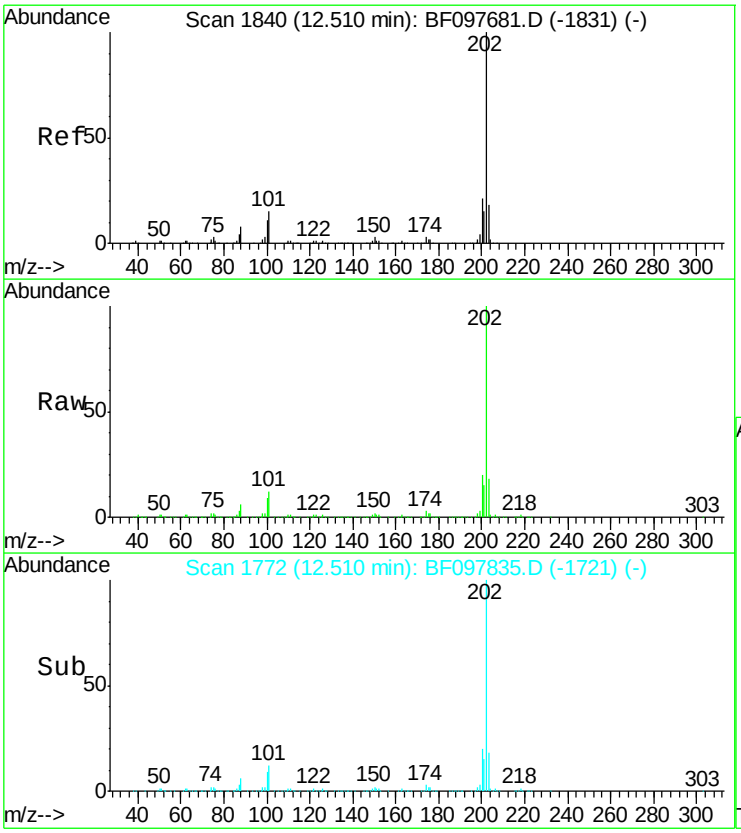
#71
Anthracene
Concen: 3.380 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:178 Resp: 57527

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.8	12.7	19.1

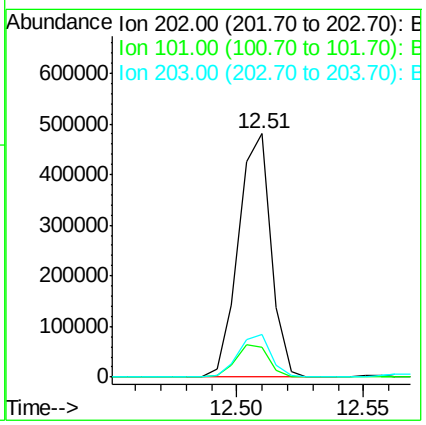


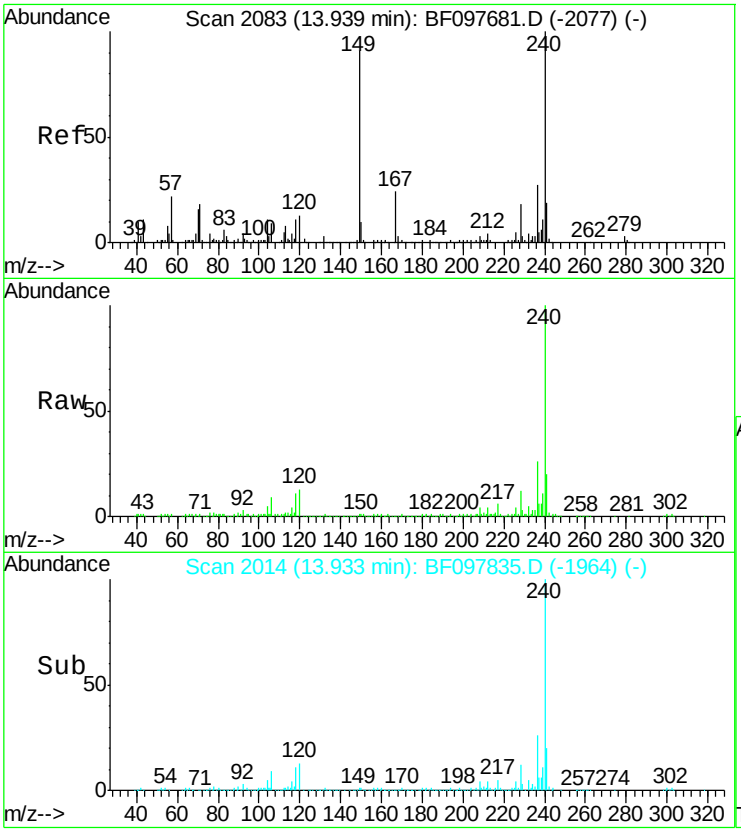


#74
Fluoranthene
Concen: 24.462 ng
RT: 12.51 min Scan# 1772
Delta R.T. 0.00 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:202 Resp: 428474

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	17.8	0.0	38.1



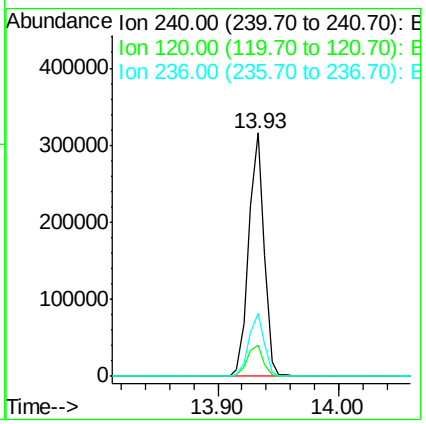


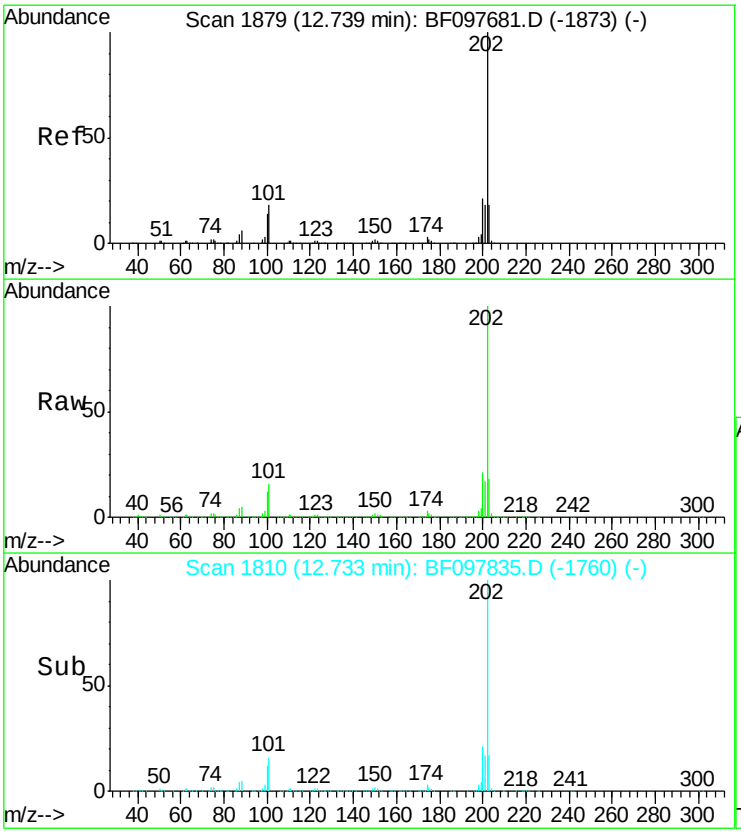
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:240 Resp: 283678

Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.8	8.8#
236	25.8	20.5	30.7

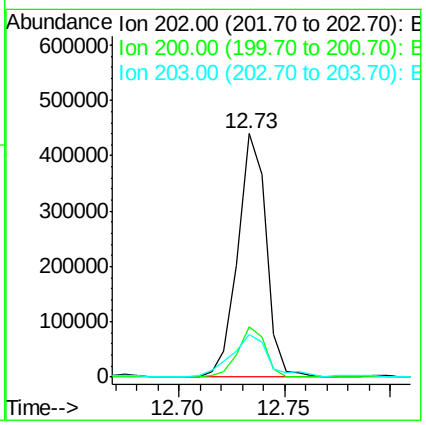


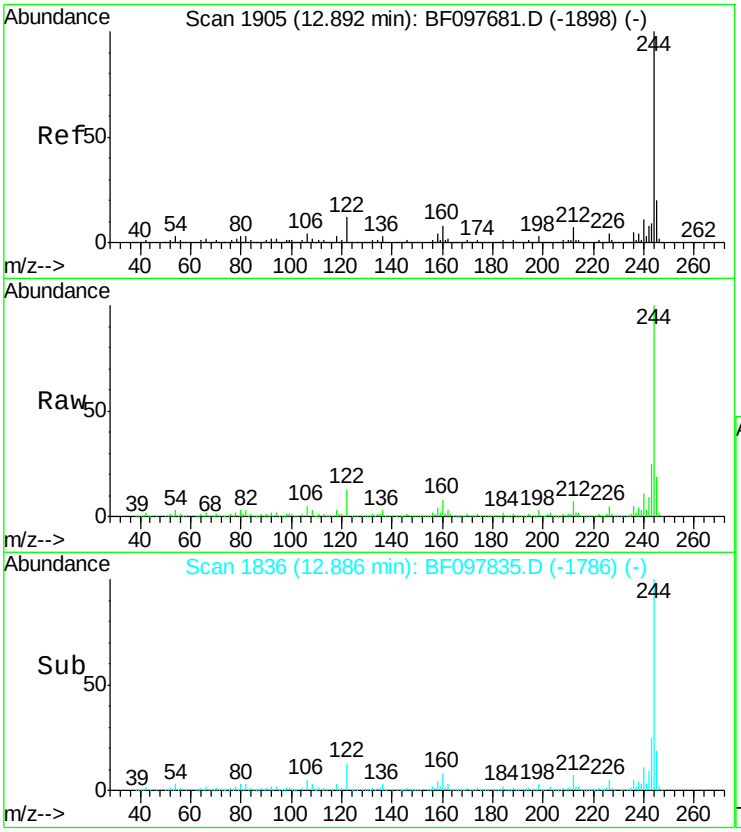


#77
Pyrene
Concen: 17.697 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:202 Resp: 410602

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	17.6	14.4	21.6



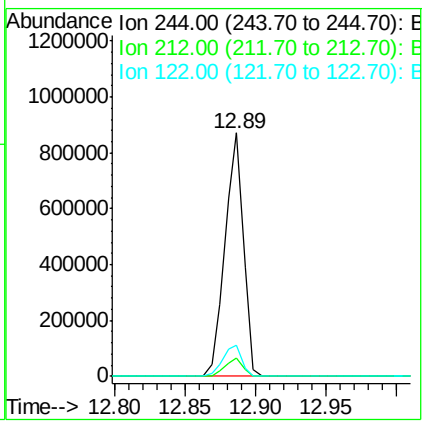


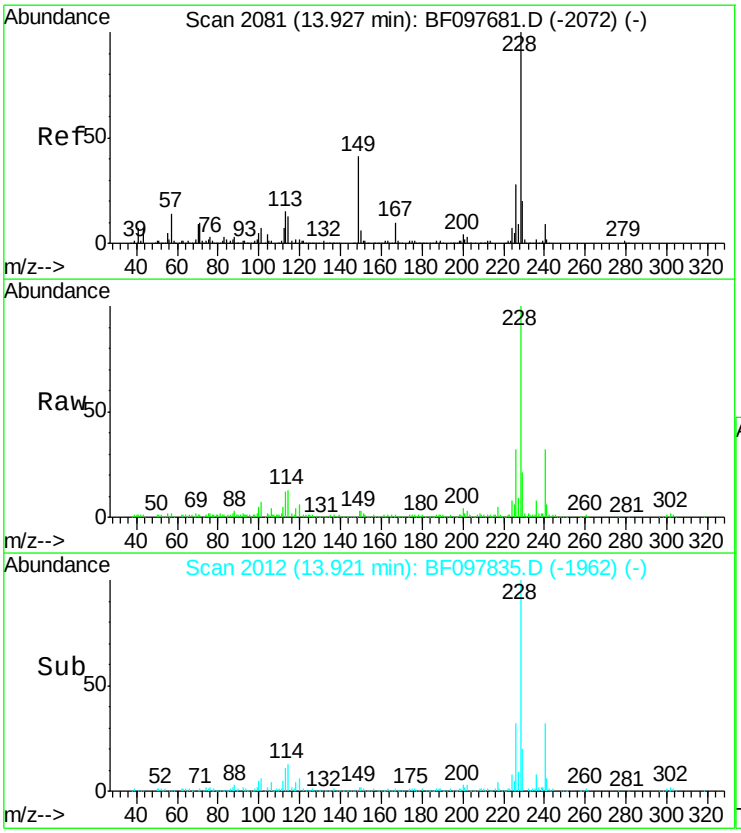
#78
Terphenyl-d14
Concen: 58.066 ng
RT: 12.89 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:244 Resp: 789900

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.8	10.3	15.5

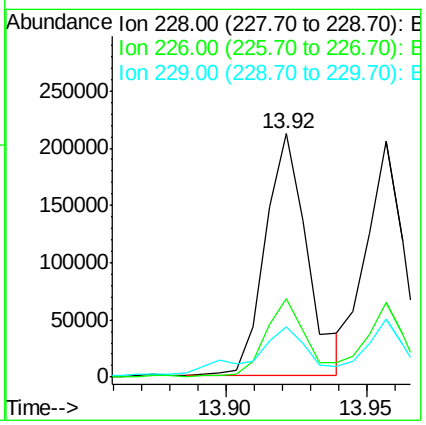


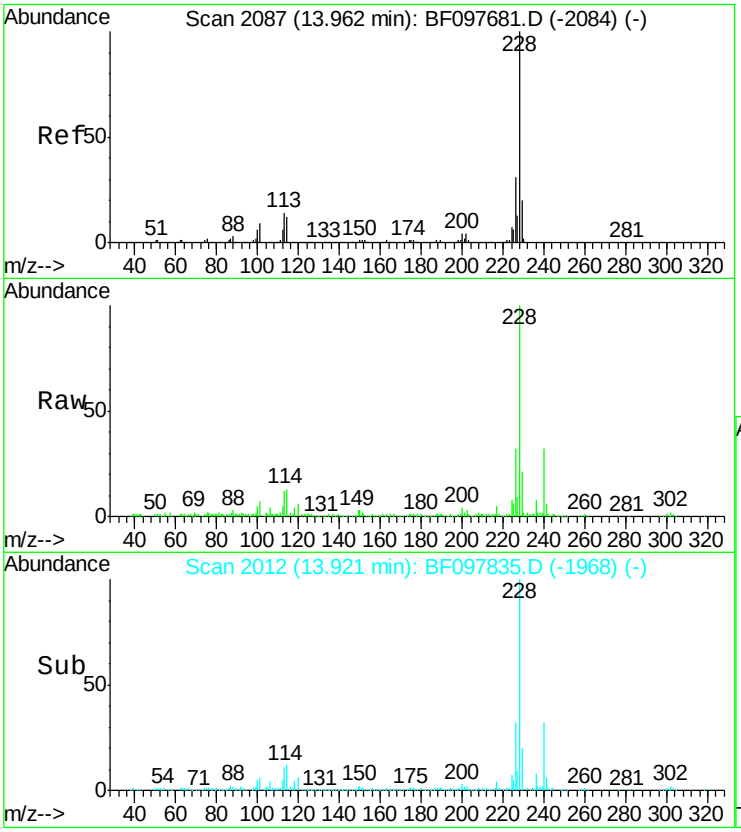


#80
Benzo(a)anthracene
Concen: 12.821 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:228 Resp: 217983

Ion	Ratio	Lower	Upper
228	100		
226	32.5	22.6	33.8
229	20.6	16.3	24.5



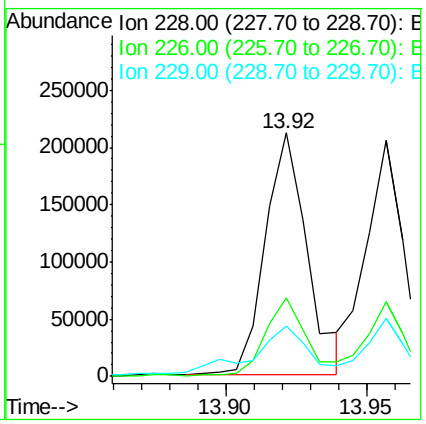


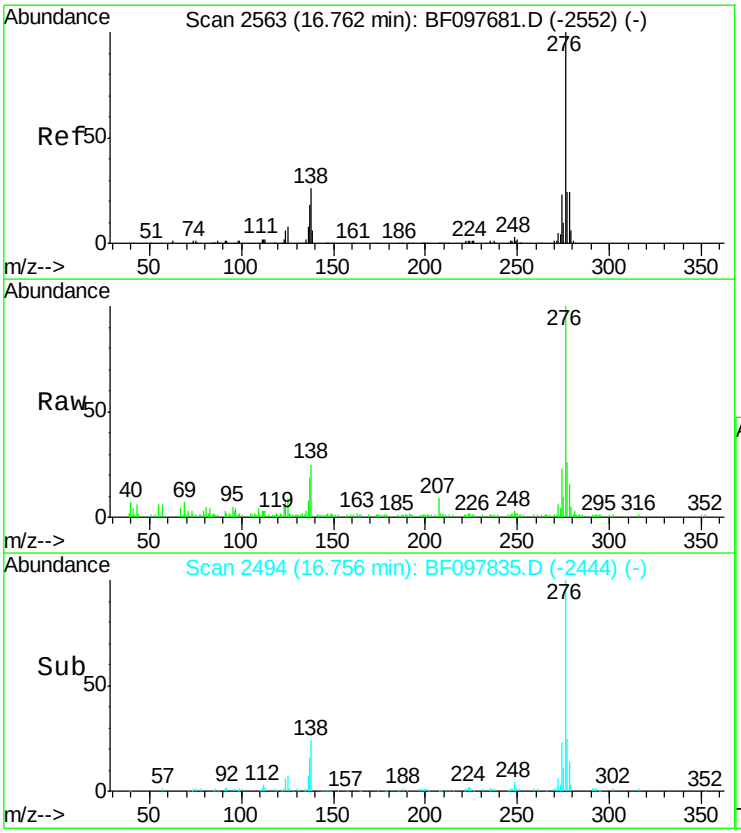
#82
Chrysene
Concen: 12.888 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.04 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:228 Resp: 217983

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	20.6	15.8	23.6

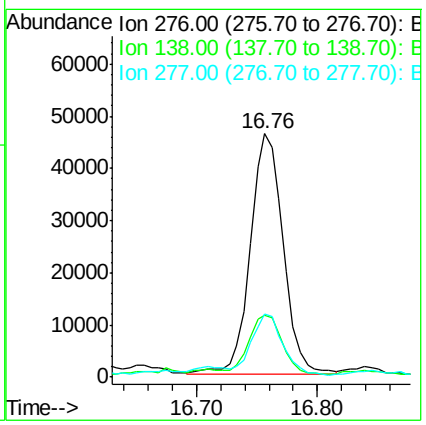


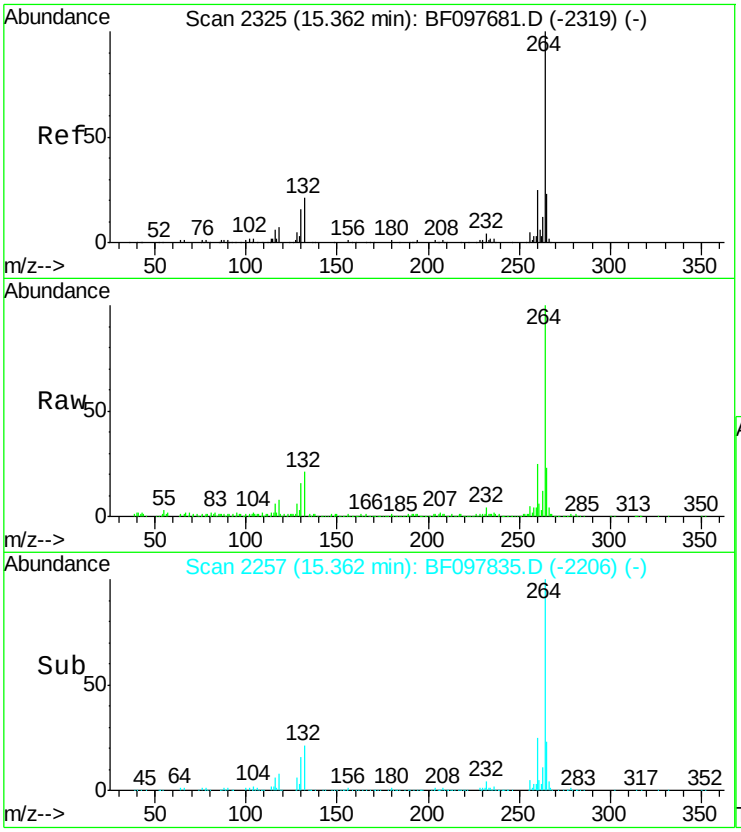


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.091 ng
RT: 16.76 min Scan# 2494
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:276 Resp: 88230

Ion	Ratio	Lower	Upper
276	100		
138	25.0	27.8	41.6#
277	24.4	20.2	30.4



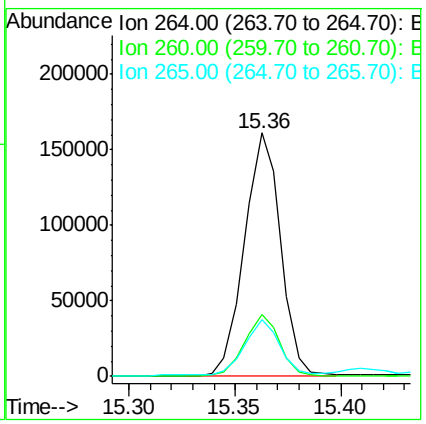


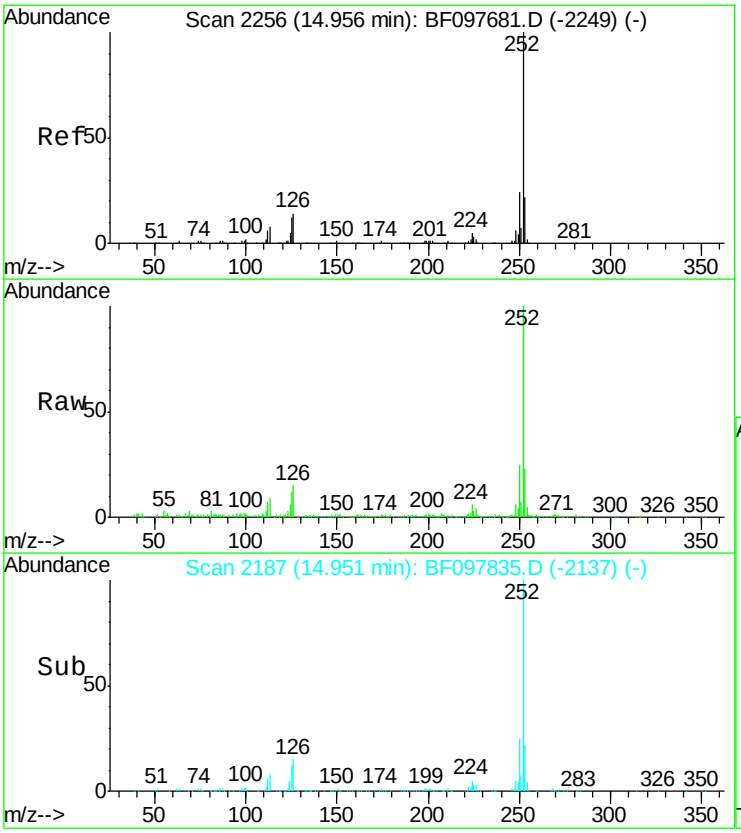
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:264 Resp: 190916

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	23.1	17.2	25.8

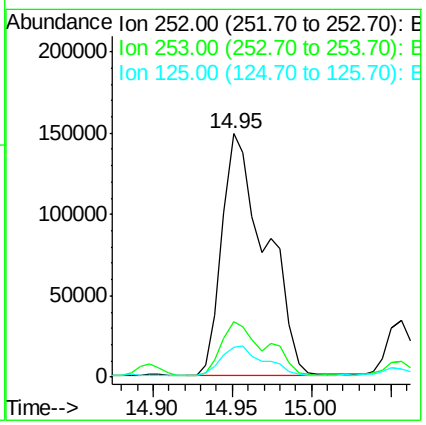


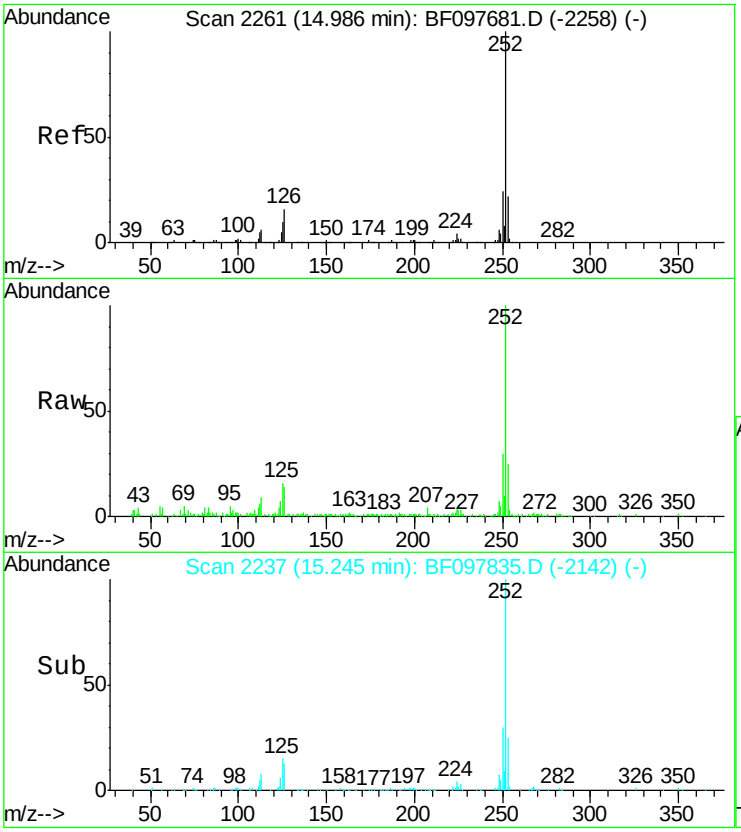


#87
Benzo(b)fluoranthene
Concen: 23.785 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:252 Resp: 286235

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	12.5	9.8	14.8



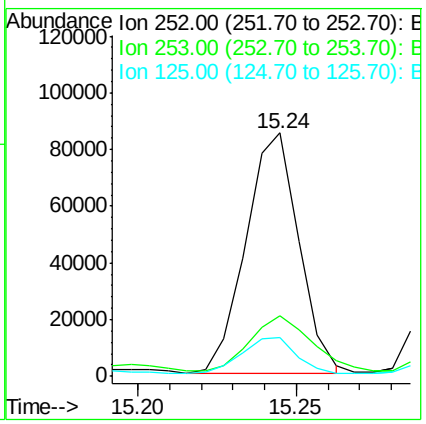


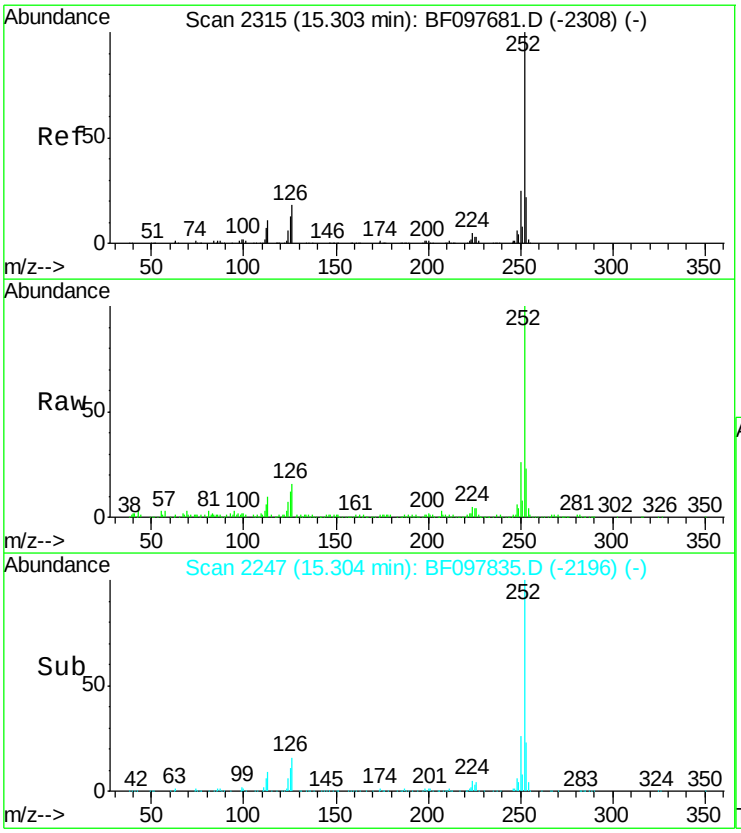
#88
Benzo(k)fluoranthene
Concen: 8.789 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.26 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:252 Resp: 99367

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.4	27.6
125	16.1	13.1	19.7

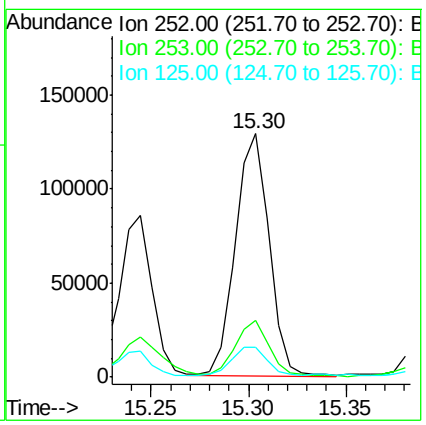


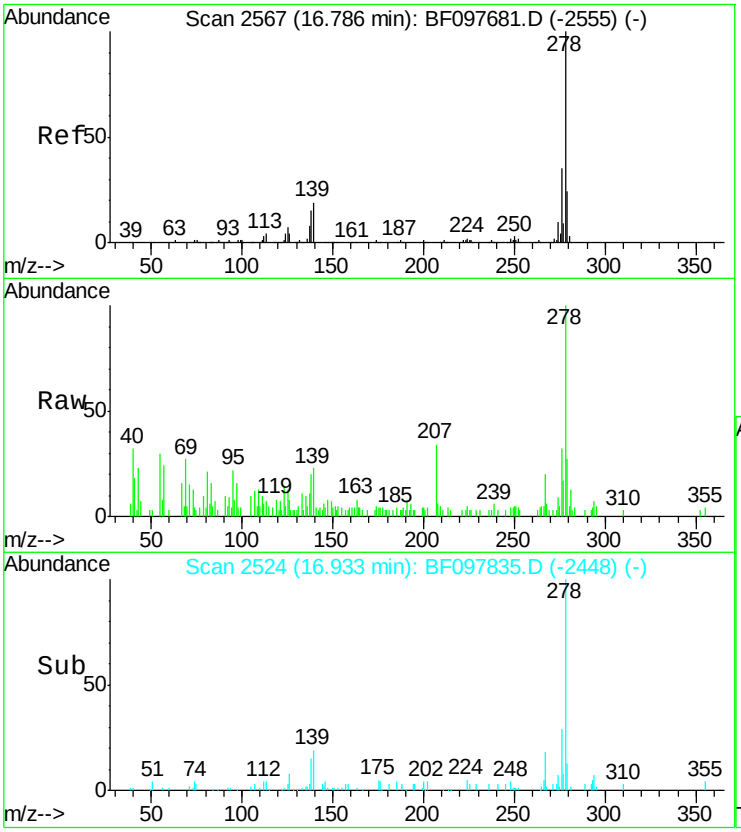


#89
Benzo(a)pyrene
Concen: 14.532 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:252 Resp: 154813

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	12.2	11.0	16.4



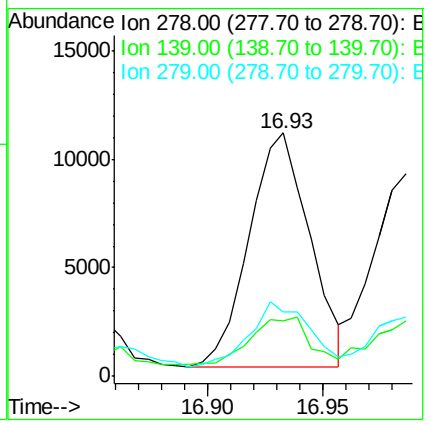


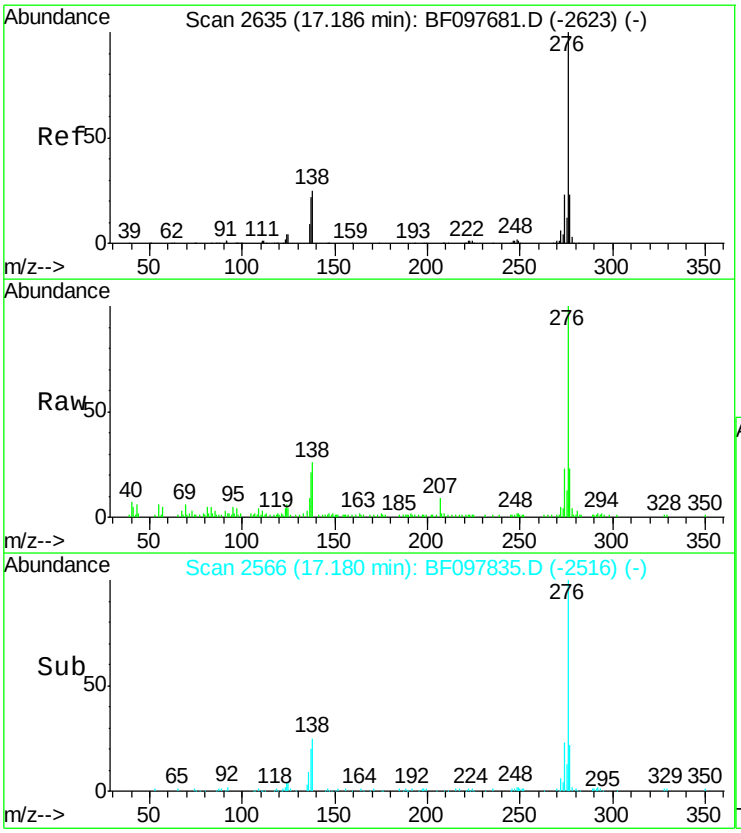
#90
Dibenzo(a,h)anthracene
Concen: 2.270 ng
RT: 16.93 min Scan# 2524
Delta R.T. 0.15 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Instrument :
BNA_F
ClientSampleId :
E2-I9-BASE

Tgt Ion:278 Resp: 19686

Ion	Ratio	Lower	Upper
278	100		
139	22.7	16.6	24.8
279	26.6	19.3	28.9





#91
Benzo(g,h,i)perylene
Concen: 9.598 ng
RT: 17.18 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BF097835.D
Acq: 18 Aug 2017 14:56

Tgt Ion:276 Resp: 86863

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	25.5	25.4	38.0